



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090874

Mode: Highway

Status: Submitted

SR-1003 (Buffalo Road)

From/Cross Street: US 70

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1934 (Old Beulah Road)

Project Category: Division Needs

Length: 1.25

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,239,000

Description:

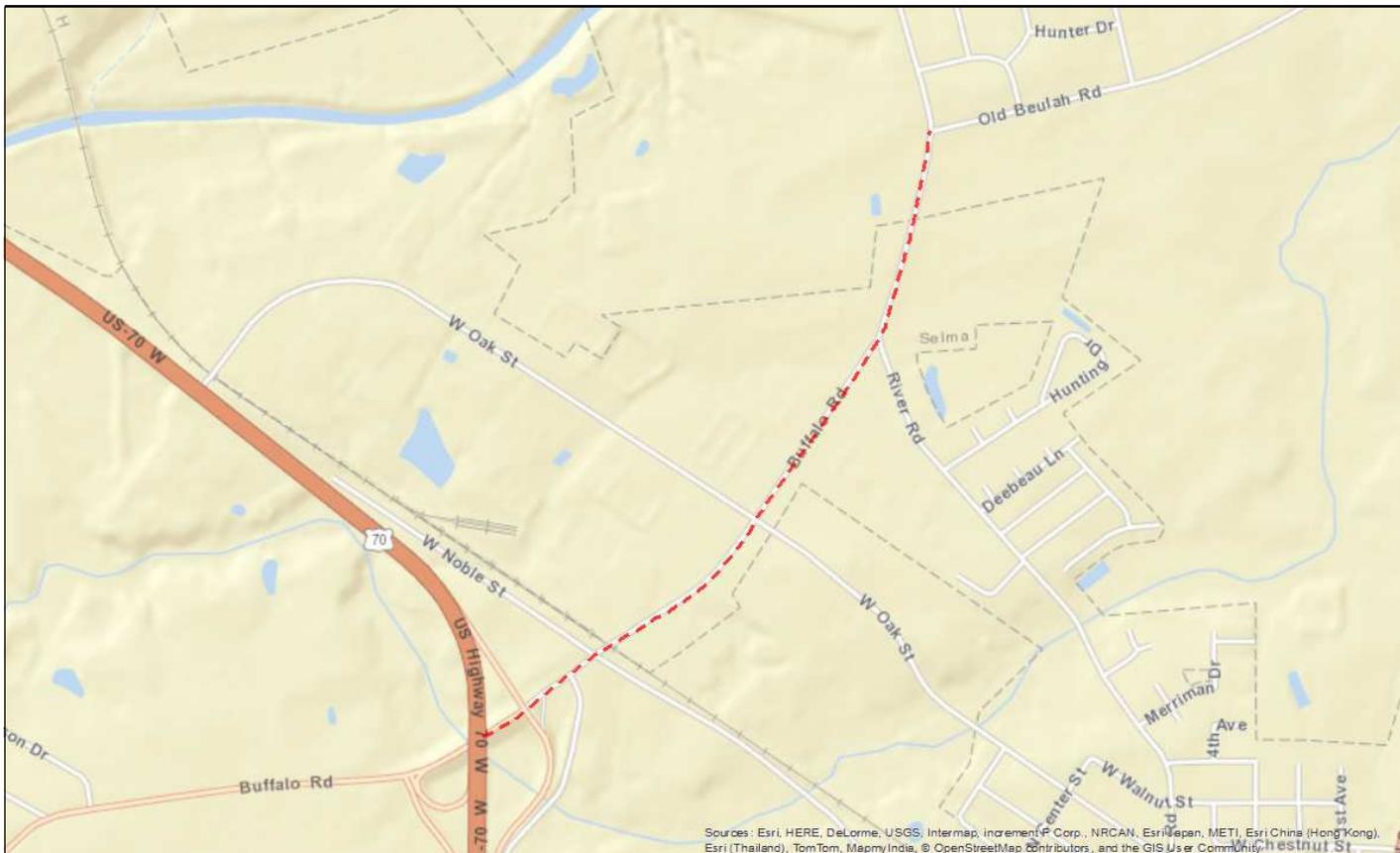
Widen to Three (3) Lanes from US 70 to SR 1934 (Old Beulah Road) in Johnston Co.

Division(s): Division 4

County(s): JOHNSTON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	Percent: 15% Points: 0	Percent: 15% Points: 0
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 68.33

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (10%) 0.00	Percent: 25% Points: 100	Percent: 25% Points: 100
[Paved] Shoulder Width (10%) 100.00		
Congestion (V/C) (10%) 29.34		
Safety (10%) 53.95		
Lane Width (10%) 0.00		
Totals: Weight: 50% Weighted Score: 18.33		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	47
Length (miles):	1.25
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10528.72
Capacity:	25136.09
Volume/Capacity Ratio:	0.42
% Autos:	86%
% Trucks:	14%
Truck Volume:	1477.67
Crash Density:	59.61
Crash Severity:	67.83
Critical Crash Rate:	34.44
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	37
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	91
Actual Congested Speed:	36.52
Travel Time Index:	1.28

Project Benefits

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	45
Length (miles):	1.25
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-588774.88
Travel Time Savings for 30 Years (Autos):	-506142.22
Travel Time Savings for 30 Years (Trucks):	-82632.66
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Upper Coastal Plain RPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$6,612,000	TIP Unit
Right-of-Way Cost:	\$560,000	Cost Estimation Tool
Utilities Cost:	\$67,000	Cost Estimation Tool
Total Project Cost:	\$7,239,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,239,000	